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FIG. 1

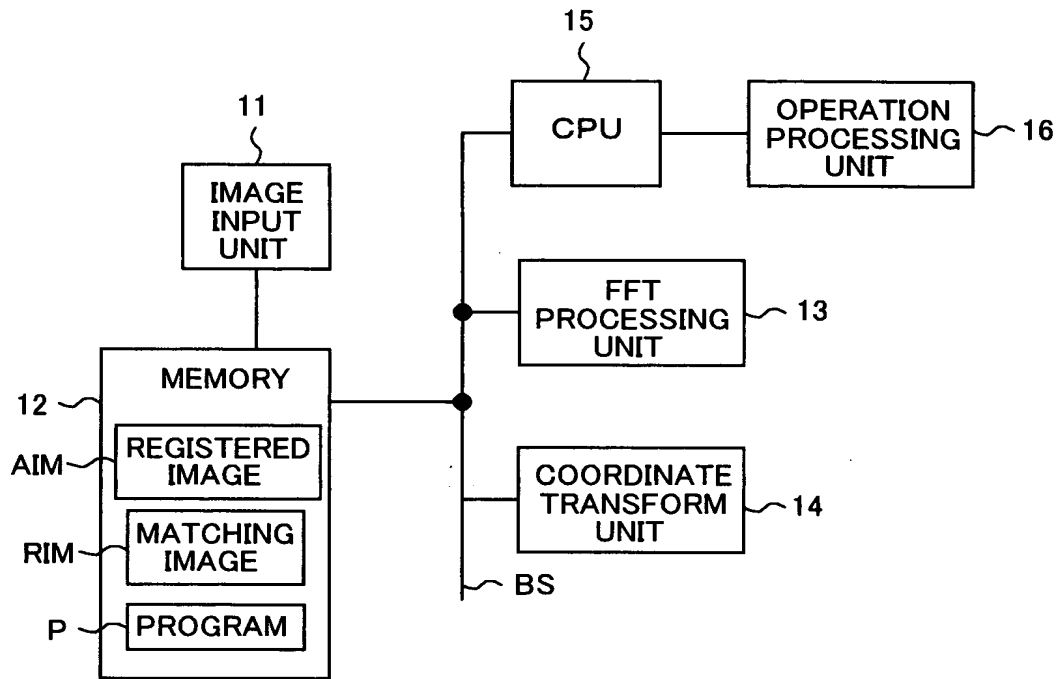
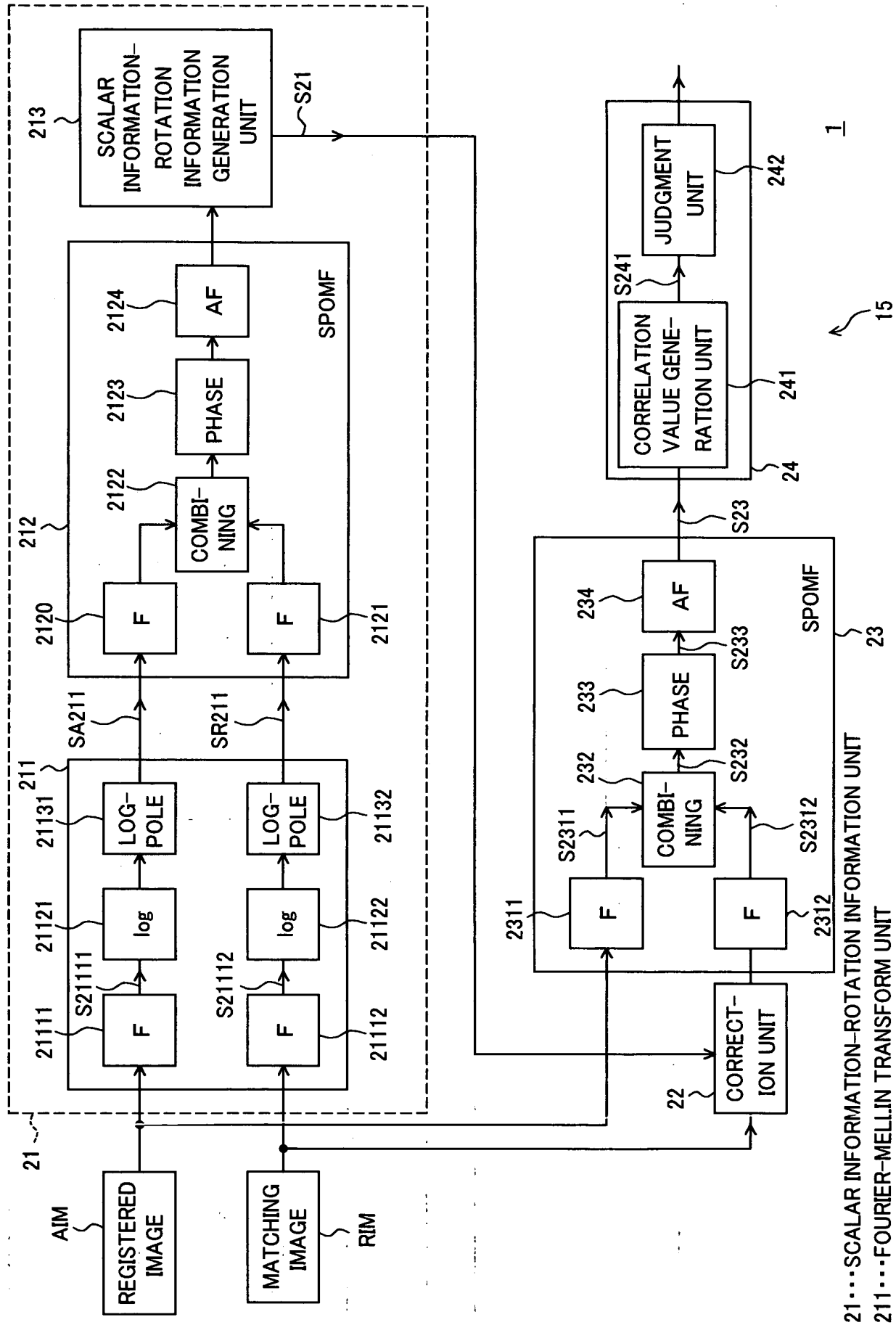


FIG. 2



- 21... SCALAR INFORMATION-ROTATION INFORMATION UNIT
- 211... FOURIER-MELLIN TRANSFORM UNIT
- 212... PHASE ONLY CORRELATION UNIT
- 23... PARALLEL MOVEMENT UNIT
- 24... MATCHING UNIT

FIG. 3

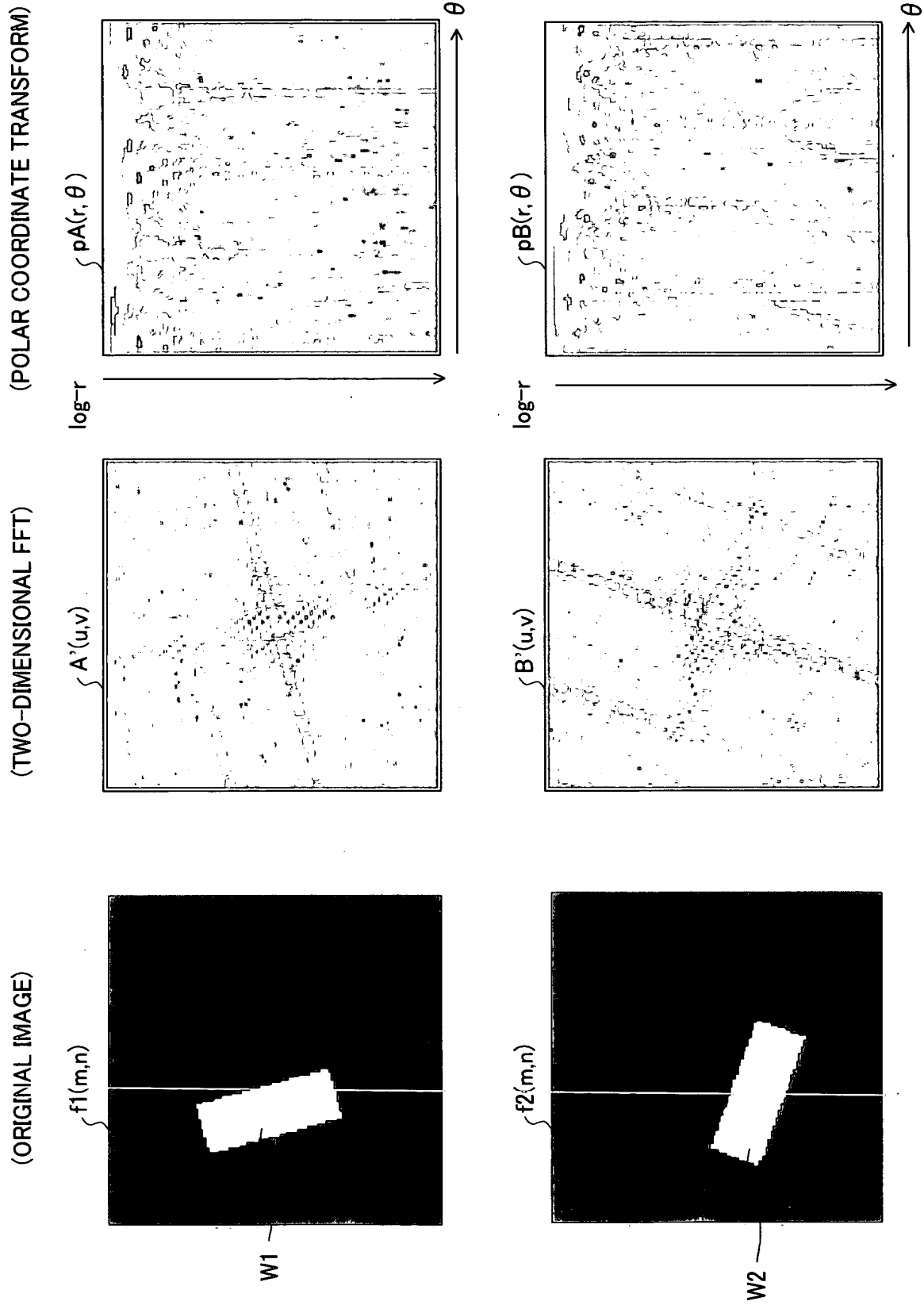
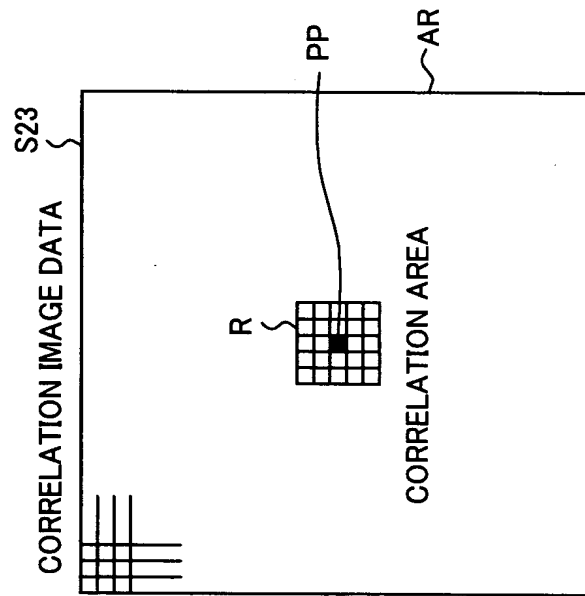


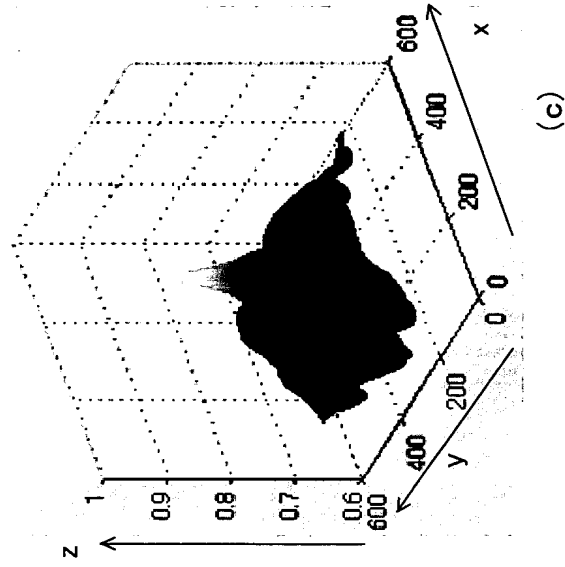
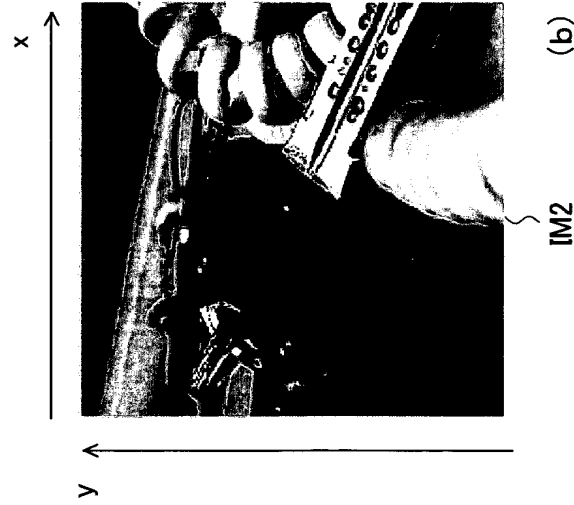
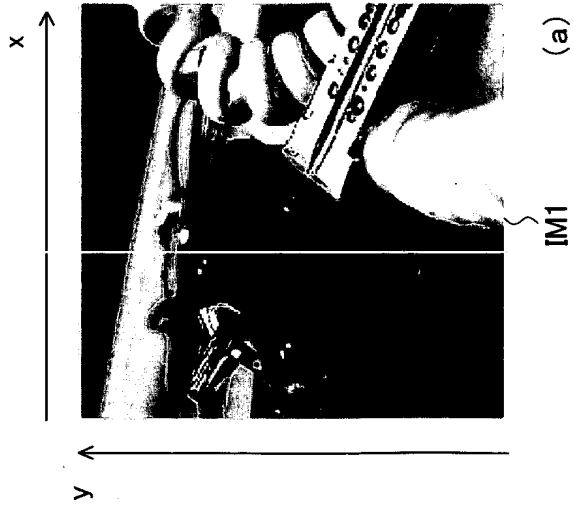
FIG. 4



■ PEAK POSITION OF CORRELATION COMPONENT

FIG. 5

(SELF CORRELATION)



(PHASE ONLY CORRELATION)

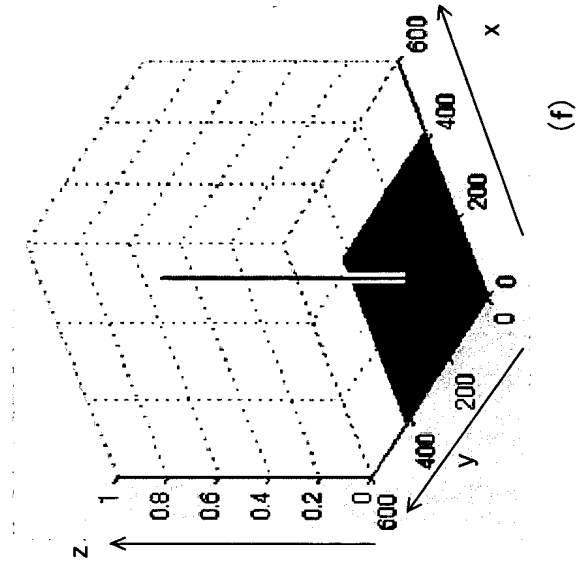
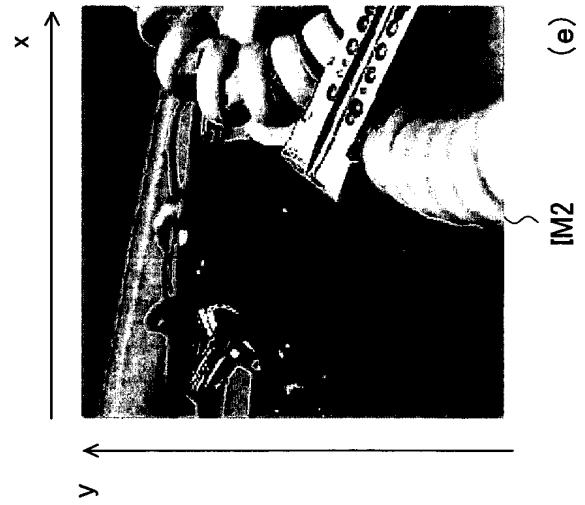
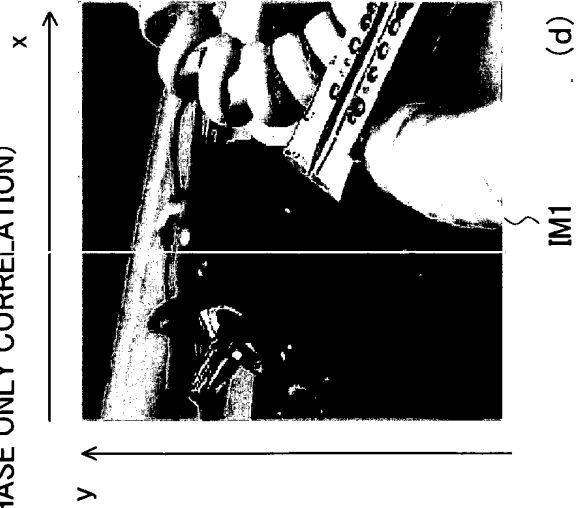


FIG. 6

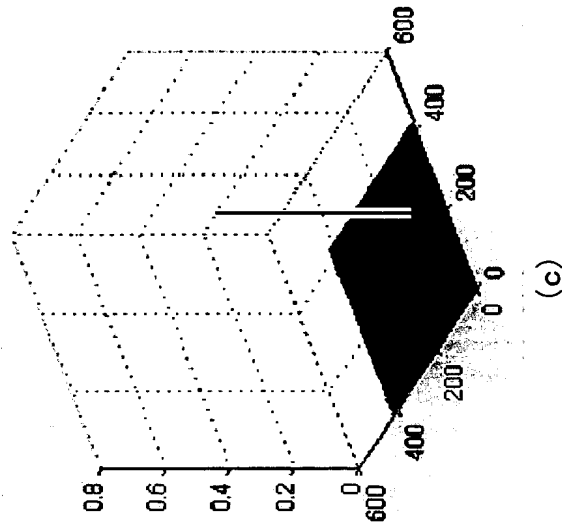
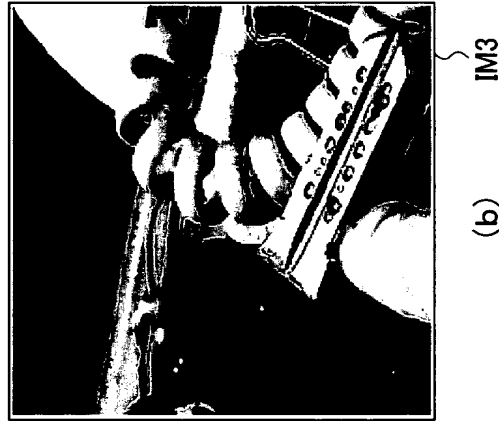
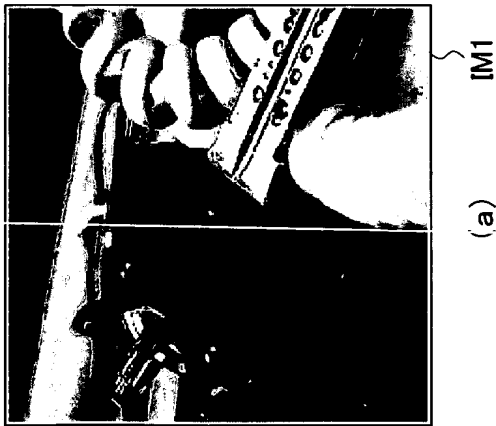


FIG. 7

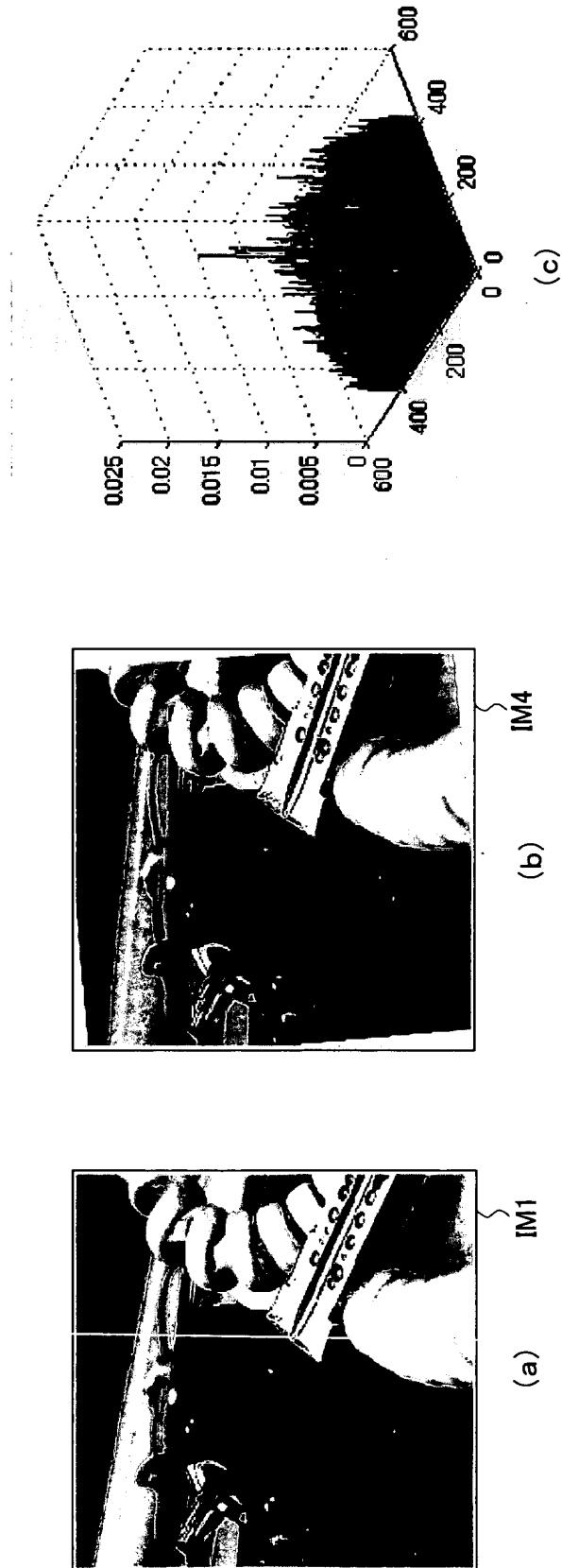




FIG. 8

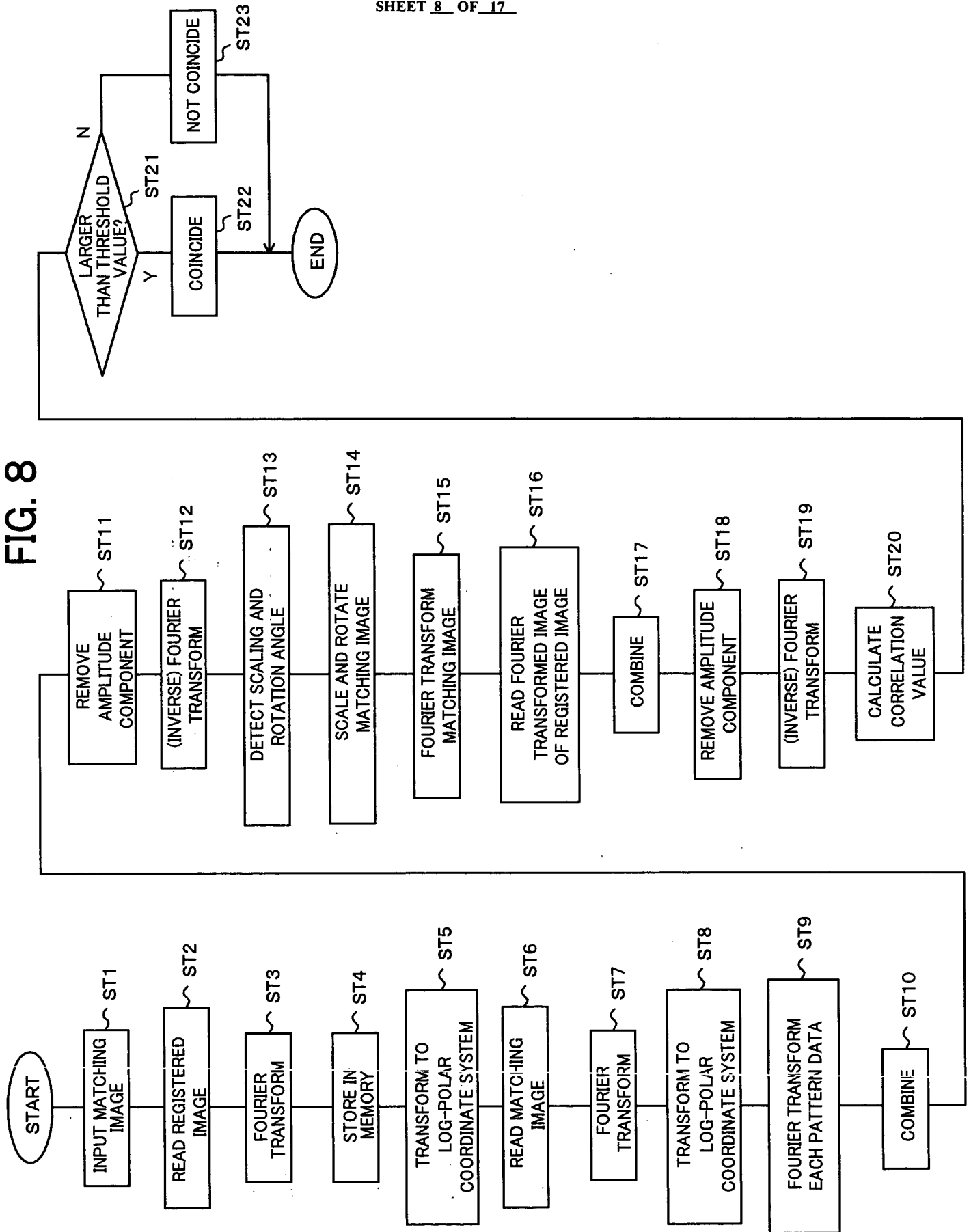


FIG. 9

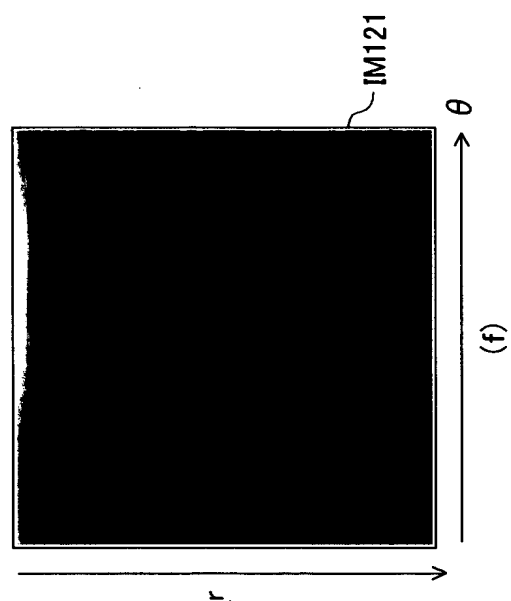
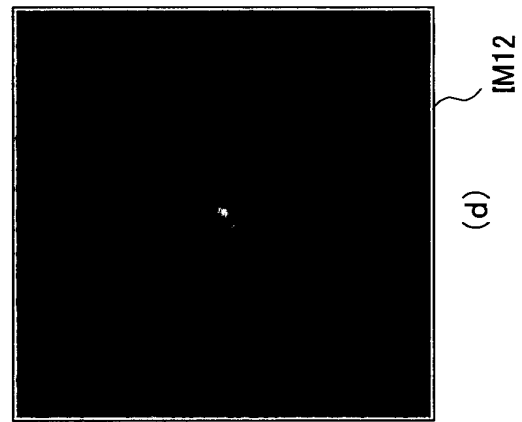
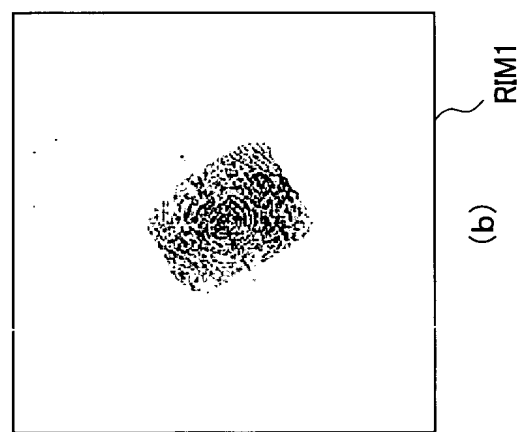
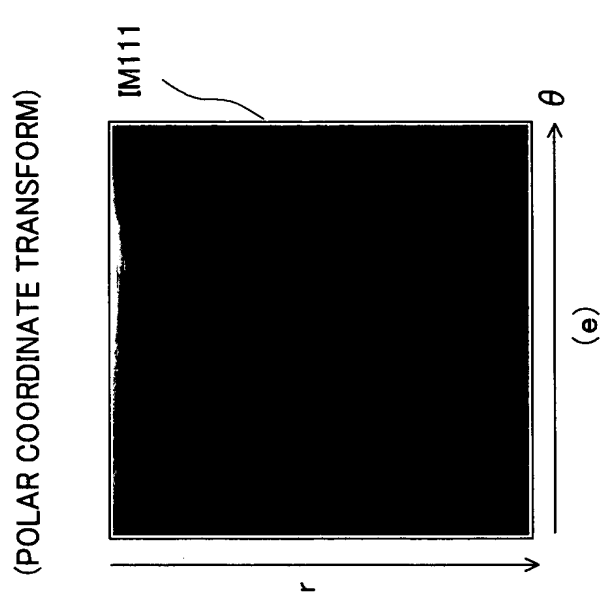
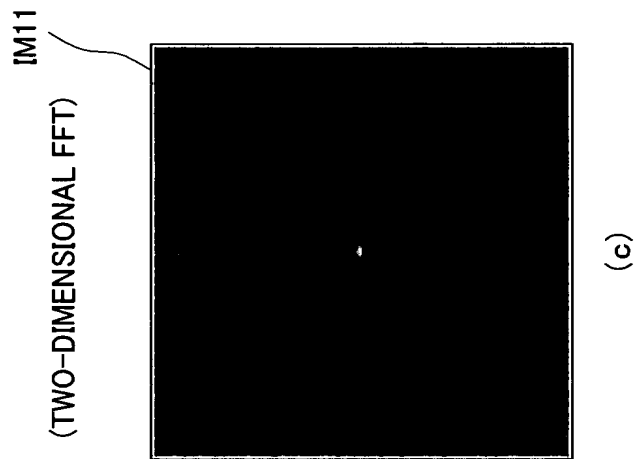
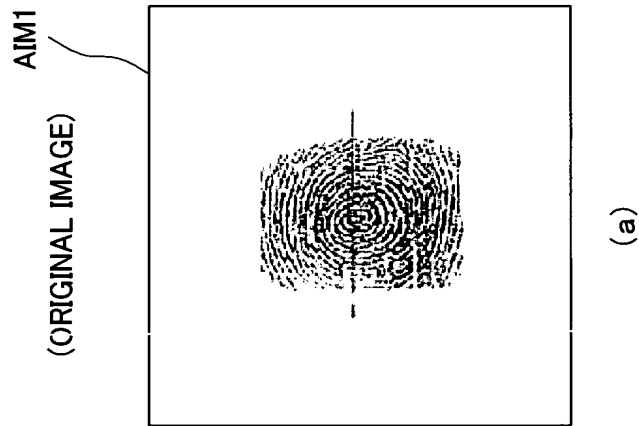
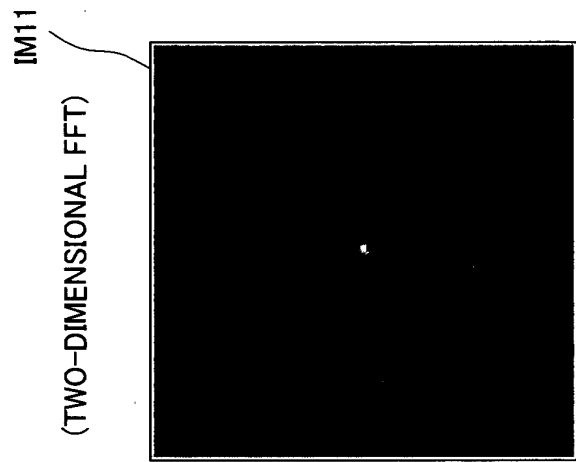
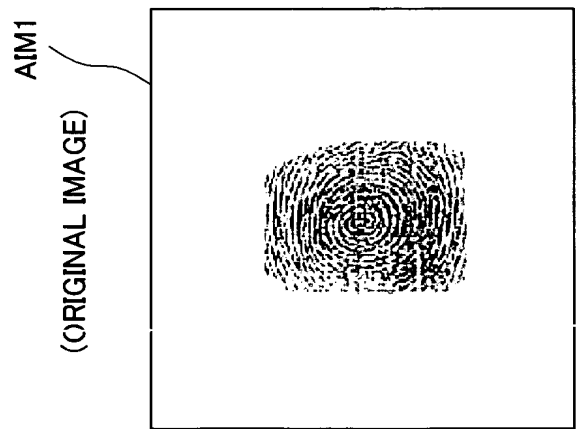


FIG. 10



(POLAR COORDINATE TRANSFORM)

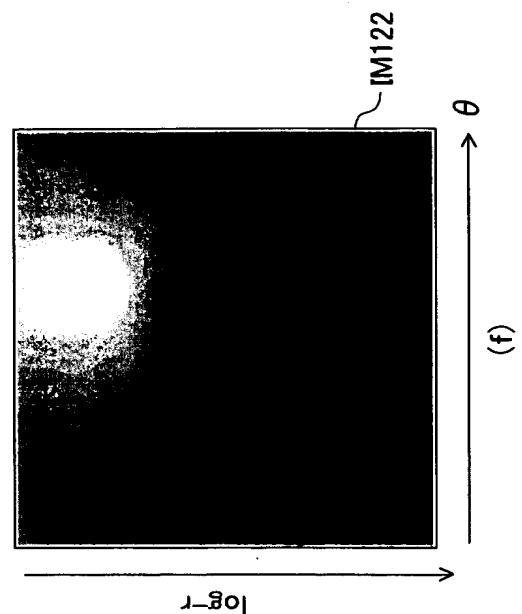
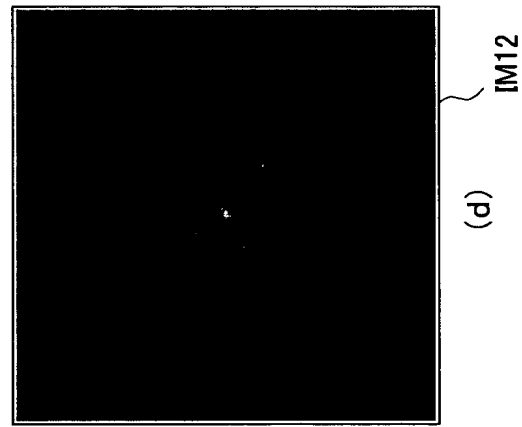
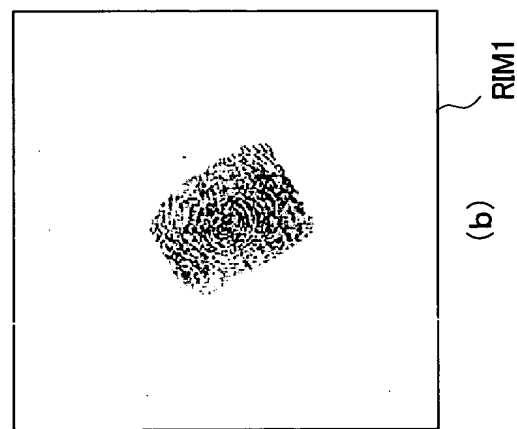
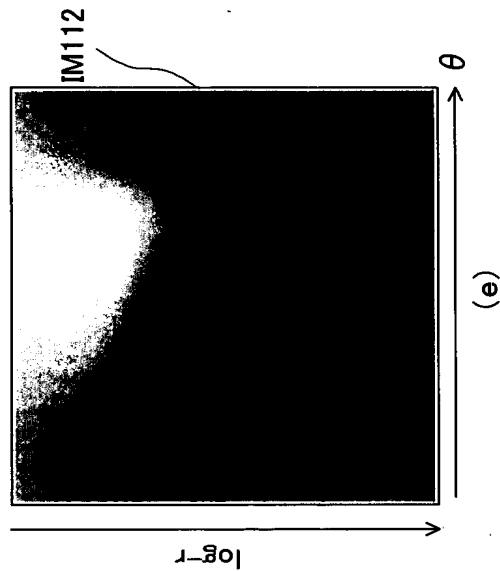


FIG. 11

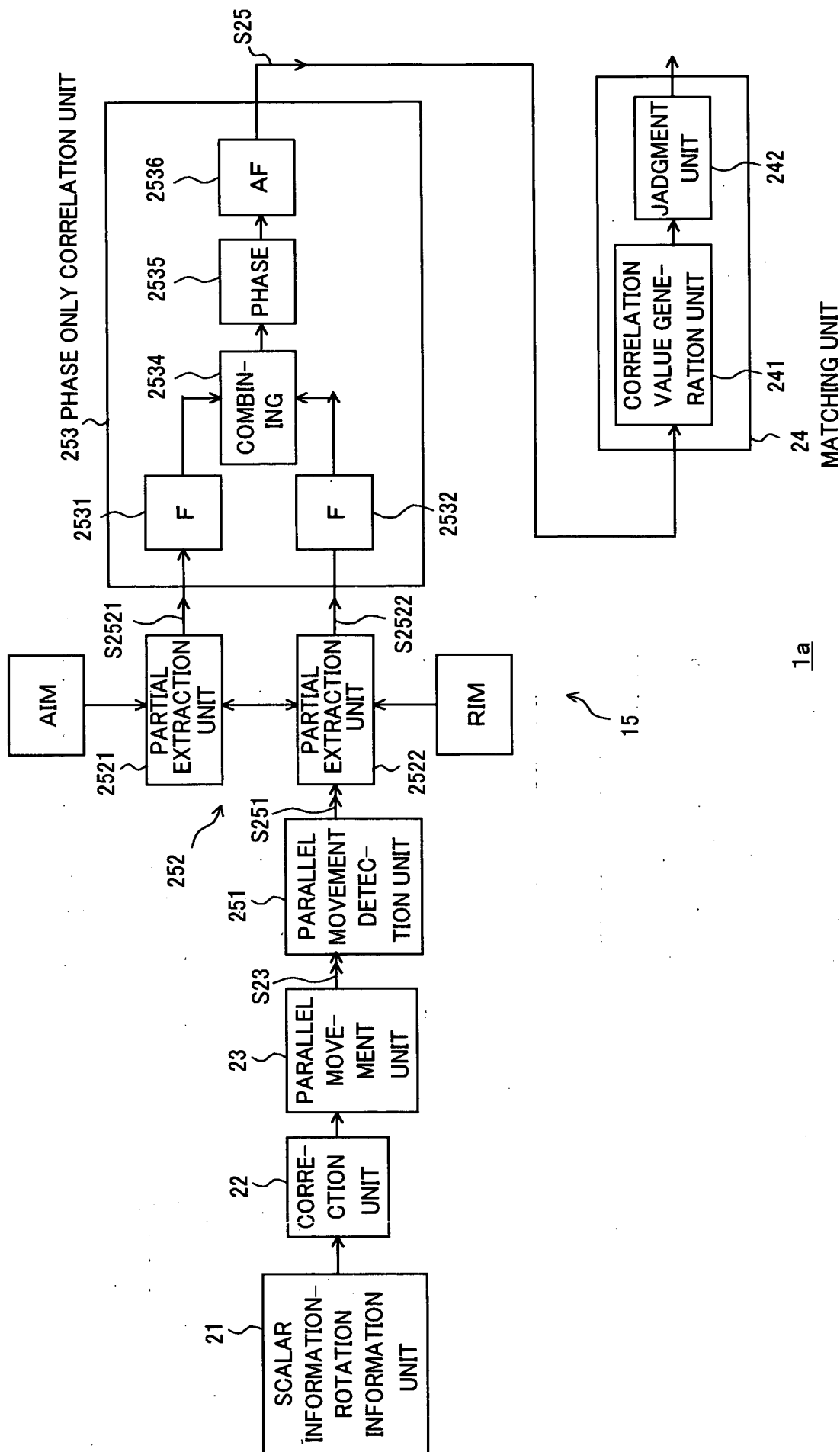


FIG. 12

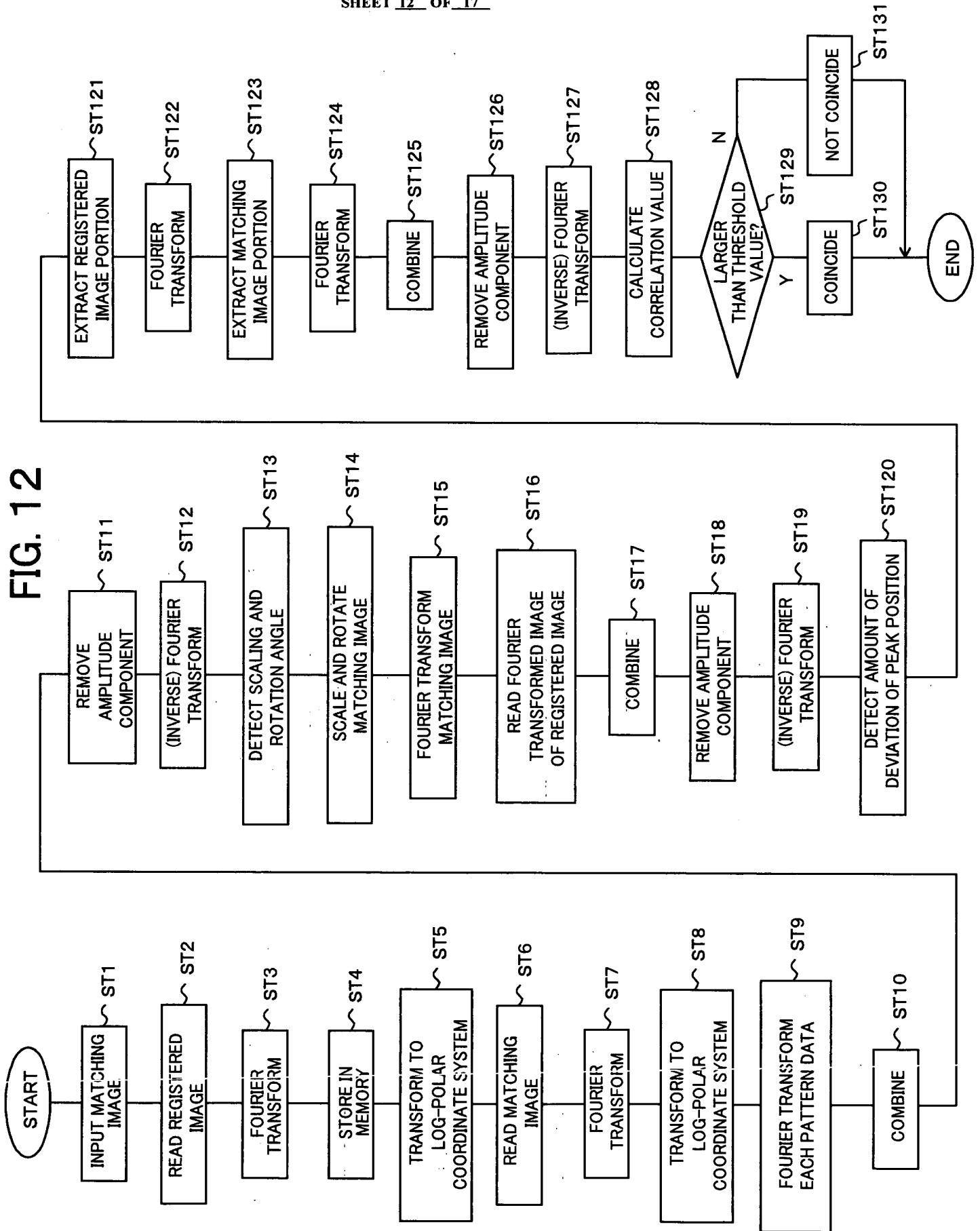


FIG. 13

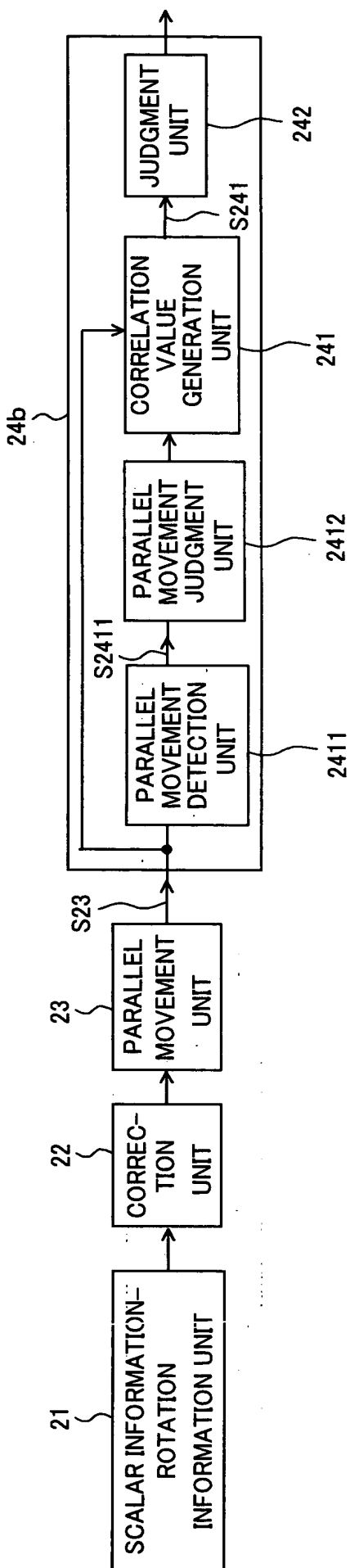


FIG. 14

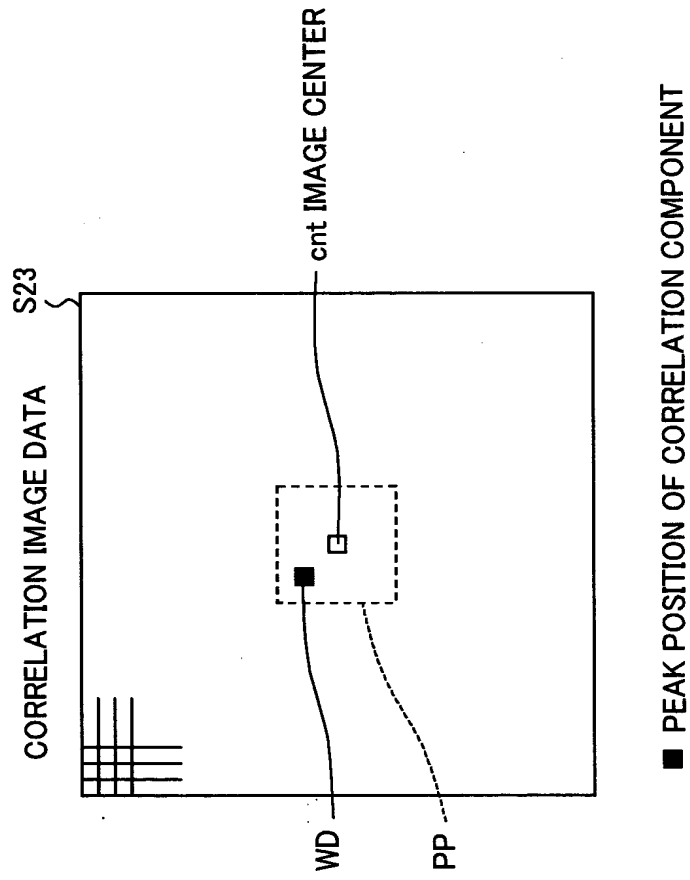


FIG. 15

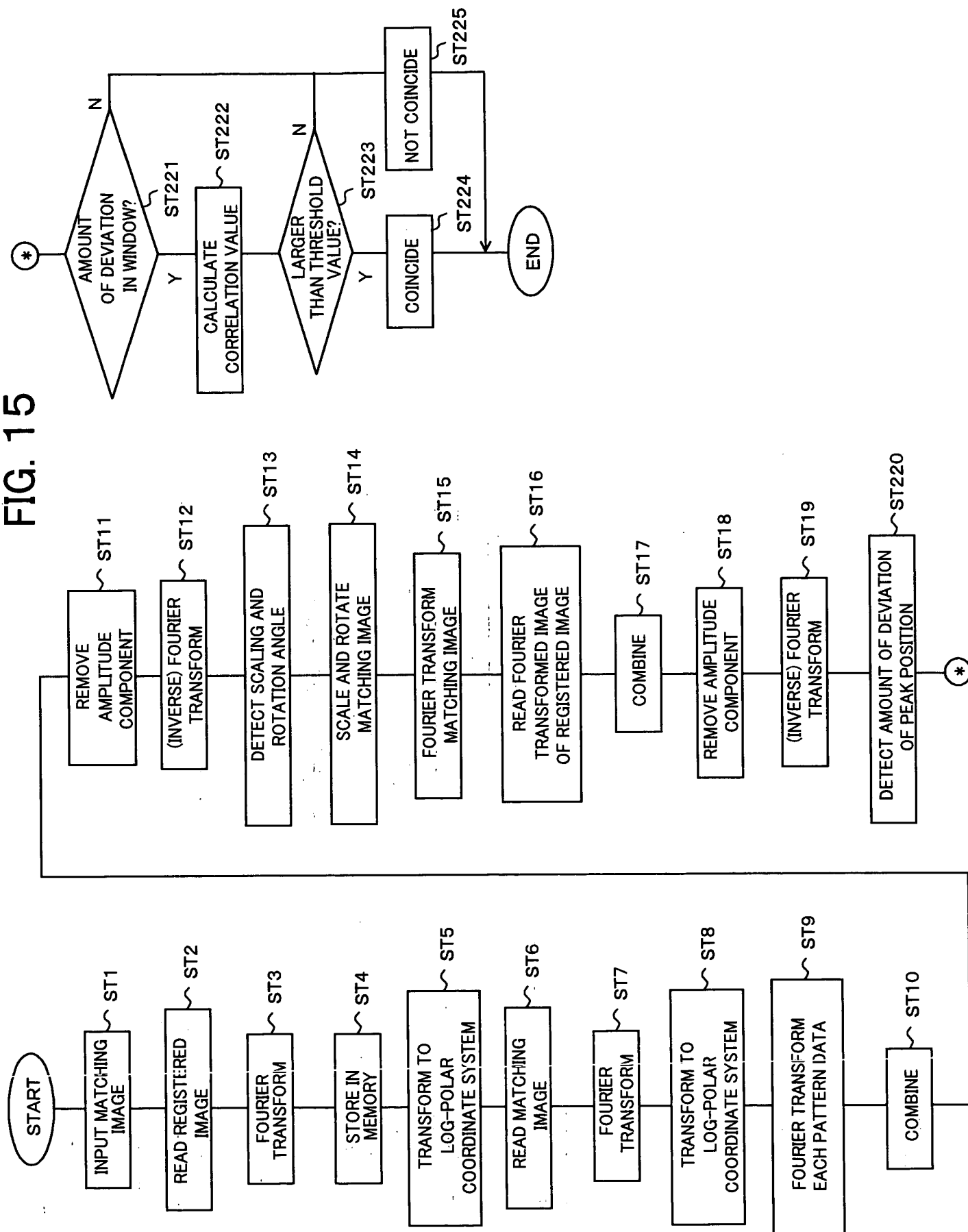






FIG. 17

